Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	65	((source or data)near (signal))same (shift near signal)with ((invert$4) or (hi near low))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 11:05
L2	6	((source or data)near (signal))same (shift near signal)with ((invert$4) or (hi near low))with (switch$4 near circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 11:05
L3	7	((source or data)near (signal))same (shift near signal)with ((invert$4) or (convert$4)or(hi near low))with (switch$4 near circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 11:09
L4	7	((source or data)near (signal))same (shift near signal)with ((invert$4) or (convert$4)or(hi near low))with (switch$4 or TFT)near (circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 11:09
L5	7	((source or data)near (signal))same (shift near signal)with ((invert$4) or (convert$4)or (chang$4)near(hi near low))with (switch$4 or TFT)near (circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 11:10
L6	26	(shift near signal)with ((invert$4) or (convert$4)or (chang$4)near(hi near low))with (switch$4 or TFT)near (circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 11:11
L7	5	(display)same(shift near signal)with ((invert$4) or (convert$4)or (chang$4)near(hi near low))with (switch$4 or TFT)near (circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 11:12
L8	0	(LCD)and(shift near signal)with ((invert$4) or (convert$4)or (chang$4)near(hi near low))with (switch$4 or TFT)near (circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 11:10
L9	9	(display)and(shift near signal)with ((invert$4) or (convert$4)or (chang$4)near(hi near low))with (switch$4 or TFT)near (circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 11:14

L10	9	(display)and(shift near signal)with ((invert$4) or (convert$4)or (chang$4)near(hi near low))with (switch$4 or TFT)near (circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 11:14
L11	11	(display)and(shift near signal)with ((invert$4) or (convert$4)or (chang$4))with (switch$4 or TFT)near (circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 11:16
L12	3381	(display)and(signal)with ((invert$4) or (convert$4)or (chang$4))with (switch$4 or TFT)near (circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 11:16
L13	298	(display)and(signal)with ((invert$4) or (convert$4)or (chang$4))with (digital near signal)with (switch$4 or TFT)near (circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 11:17
L14	18	((data or source)near (drive))and(signal)with ((invert$4) or (convert$4)or (chang$4))with (digital near signal)with (switch$4 or TFT)near (circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 11:23
L15	18	((data or source)near (drive))and ((invert$4) or (convert$4)or (chang$4))with (digital near signal)with (switch$4 or TFT)near (circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 11:23
L16	40	((data or source)near (drive))and ((invert$4) or (convert$4)or (chang$4)or (switch$4))with (digital near signal)with (switch$4 or TFT)near (circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 11:58
L17	34	((data or source)near (driver))and ((invert$4) or (convert$4)or (chang$4)or (switch$4))with (digital near signal)with (switch$4 or TFT)near (circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 12:03
L18	19	((data or source)near (driver))and ((invert$4) or (convert$4)or (chang$4))with (digital near signal)with (switch$4 or TFT)near (circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 12:04
L19	19	((data or source or column)near (driver))and ((invert$4) or (convert$4)or (chang$4))with (digital near signal)with (switch$4 or TFT)near (circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 12:07

L20	18	((data or source or column)near (driver))and ((invert$4 near polarity) or (convert$4)or (chang$4))with (digital near signal)with (switch$4 or TFT)near (circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 12:07
L21	1	((data or source or column)near (driver))and ((invert$4 near polarity))with (digital near signal)with (switch$4 or TFT)near (circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 12:09
L22	1	((data or source or column)near (driver))and ((invert$4 near polarity))with (digital near signal)with (switch$4)near (circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 12:09
L23	8	((invert$4 near polarity))with (digital near signal)with (switch$4)near (circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 12:13
L24	5	("4825144" | "5548286" | "5617058" | "6373336" | "6642875").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/15 12:11
L25	8	((invert$4 near polarity))with (digital near signal)same (switch$4)near (circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 12:13
L26	12	((invert$4 near polarity))same (digital near signal)same (switch$4)near (circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 12:14
L27	97	((invert$4))with (digital near signal)same (switch$4)near (circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 12:14
L28	16	(display)and((invert$4))with (digital near signal)same (switch$4)near (circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 12:18
L29	13	("4476456" | "4661802" | "4667179" | "4803462" | "4831381" | "5130571" | "5332997" | "5534819" | "5581252" | "5625361" | "5867138" | "5894281" | "6157334").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/15 12:16

L30	0	("2002/0060636").URPN.	USPAT	OR	ON	2005/08/15 12:18
L31	97	((invert$4))with (digital near signal)same (switch$4)near (circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 12:20
L32	66887	"345"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 12:18
L33	7	31 and 32	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 12:18
L34	3	(shift$4 near signal)same((invert$4))with (digital near signal)same ((switch$4)near (circuit))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 12:22
L35	1	(display)and(shift$4 near signal)same (digital near signal)with (invert$4)same ((switch$4)near (circuit))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 12:23
L36	7	(display)and(shift$4 near signal)same (digital near signal)with (invert$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 12:25
L37	2	(display)and(shift$4 near signal)same (invert$5 near polarity)with(digital near signal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 14:41
L38	2	"20030025854"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 14:34
L39	5	(shift$4 near signal)same (invert$5 near polarity)with(digital near signal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 14:43
L40	1	(shift$4 near signal)same (invert$5 near polarity)with(digital near signal)same (switch$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 14:44

L41	1	(shift$4 near signal)same (invert$5 near polarity)same(digital near signal)same (switch$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 14:46
L42	3	(shift$4 near signal)same (invert$5)same(digital near signal)same (switch$4 near circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 14:47
L43	3	(shift$4 near signal)same (invert$5)with(digital near signal)same (switch$4 near circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 14:47
L44	12	(shift$4 near signal)same (invert$5 or convert$4 or chang$4)with(digital near signal)same (switch$4 near circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 14:49
L45	794	(shift$4 near signal)same (invert$5 or convert$4 or chang$4)with(digital near signal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 15:01
L46	66887	"345"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 14:57
L47	47	45 and 46	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 14:58
L48	1433	"345"/98.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 14:58
L49	552	"345"/99.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 15:03
L50	10	45 and 48	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 15:00

L51	1	45 and 49	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 15:03
L52	339	(shift$4 near signal)with (invert$5 or convert$4 or chang$4)with(digital near signal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 15:01
L53	38	(shift$4 near signal)with (invert$5 or convert$4 or chang$4)with(digital near signal)same (switch$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 15:02
L54	1217	"345"/100.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 15:03
L55	9	45 and 54	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 15:03

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	65	((source or data)near (signal))same (shift near signal)with ((invert$4) or (hi near low))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 11:05
L2	6	((source or data)near (signal))same (shift near signal)with ((invert$4) or (hi near low))with (switch$4 near circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 11:05
L3	7	((source or data)near (signal))same (shift near signal)with ((invert$4) or (convert$4)or(hi near low))with (switch$4 near circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 11:09
L4	7	((source or data)near (signal))same (shift near signal)with ((invert$4) or (convert$4)or(hi near low))with (switch$4 or TFT)near (circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 11:09
L5	7	((source or data)near (signal))same (shift near signal)with ((invert$4) or (convert$4)or (chang$4)near(hi near low))with (switch$4 or TFT)near (circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 11:10
L6	26	(shift near signal)with ((invert$4) or (convert$4)or (chang$4)near(hi near low))with (switch$4 or TFT)near (circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 11:11
L7	5	(display)same(shift near signal)with ((invert$4) or (convert$4)or (chang$4)near(hi near low))with (switch$4 or TFT)near (circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 11:12
L8	0	(LCD)and(shift near signal)with ((invert$4) or (convert$4)or (chang$4)near(hi near low))with (switch$4 or TFT)near (circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 11:10
L9	9	(display)and(shift near signal)with ((invert$4) or (convert$4)or (chang$4)near(hi near low))with (switch$4 or TFT)near (circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 11:14

L10	9	(display)and(shift near signal)with ((invert$4) or (convert$4)or (chang$4)near(hi near low))with (switch$4 or TFT)near (circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 11:14
L11	11	(display)and(shift near signal)with ((invert$4) or (convert$4)or (chang$4))with (switch$4 or TFT)near (circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 11:16
L12	3381	(display)and(signal)with ((invert$4) or (convert$4)or (chang$4))with (switch$4 or TFT)near (circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 11:16
L13	298	(display)and(signal)with ((invert$4) or (convert$4)or (chang$4))with (digital near signal)with (switch$4 or TFT)near (circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 11:17
L14	18	((data or source)near (drive))and(signal)with ((invert$4) or (convert$4)or (chang$4))with (digital near signal)with (switch$4 or TFT)near (circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 11:23
L15	18	((data or source)near (drive))and ((invert$4) or (convert$4)or (chang$4))with (digital near signal)with (switch$4 or TFT)near (circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 11:23
L16	40	((data or source)near (drive))and ((invert$4) or (convert$4)or (chang$4)or (switch$4))with (digital near signal)with (switch$4 or TFT)near (circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 11:58
L17	34	((data or source)near (driver))and ((invert$4) or (convert$4)or (chang$4)or (switch$4))with (digital near signal)with (switch$4 or TFT)near (circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 12:03
L18	19	((data or source)near (driver))and ((invert$4) or (convert$4)or (chang$4))with (digital near signal)with (switch$4 or TFT)near (circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 12:04
L19	19	((data or source or column)near (driver))and ((invert$4) or (convert$4)or (chang$4))with (digital near signal)with (switch$4 or TFT)near (circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 12:07

L20	18	((data or source or column)near (driver))and ((invert$4 near polarity) or (convert$4)or (chang$4))with (digital near signal)with (switch$4 or TFT)near (circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 12:07
L21	1	((data or source or column)near (driver))and ((invert$4 near polarity))with (digital near signal)with (switch$4 or TFT)near (circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 12:09
L22	1	((data or source or column)near (driver))and ((invert$4 near polarity))with (digital near signal)with (switch$4)near (circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 12:09
L23	8	((invert$4 near polarity))with (digital near signal)with (switch$4)near (circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 12:13
L24	5	("4825144" | "5548286" | "5617058" | "6373336" | "6642875").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/15 12:11
L25	8	((invert$4 near polarity))with (digital near signal)same (switch$4)near (circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 12:13
L26	12	((invert$4 near polarity))same (digital near signal)same (switch$4)near (circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 12:14
L27	97	((invert$4))with (digital near signal)same (switch$4)near (circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 12:14
L28	16	(display)and((invert$4))with (digital near signal)same (switch$4)near (circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 12:18
L29	13	("4476456" | "4661802" | "4667179" | "4803462" | "4831381" | "5130571" | "5332997" | "5534819" | "5581252" | "5625361" | "5867138" | "5894281" | "6157334").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/15 12:16

L30	0	("2002/0060636").URPN.	USPAT	OR	ON	2005/08/15 12:18
L31	97	((invert$4))with (digital near signal)same (switch$4)near (circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 12:20
L32	66887	"345"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 12:18
L33	7	31 and 32	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 12:18
L34	3	(shift$4 near signal)same((invert$4))with (digital near signal)same ((switch$4)near (circuit))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 12:22
L35	1	(display)and(shift$4 near signal)same (digital near signal)with (invert$4)same ((switch$4)near (circuit))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 12:23
L36	7	(display)and(shift$4 near signal)same (digital near signal)with (invert$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 12:25
L37	2	(display)and(shift$4 near signal)same (invert$5 near polarity)with(digital near signal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 12:26